



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

85.3 MHz LC Band Pass Filter

Part Number: AE85B10090



Electrical Specifications

Center Frequency: 85.3 MHz
Bandwidth: 5.0 MHz
Pass Band: 82.8-87.8 MHz
Insertion Loss: 0.3 dB Max
Return Loss: 14 dB Min
Rejection Frequency: 20 dB @ 0-50 MHz
Rejection Frequency: 20 dB @ 130-500
Impedance: 50 Ohm
Power Handling: 100 Watts

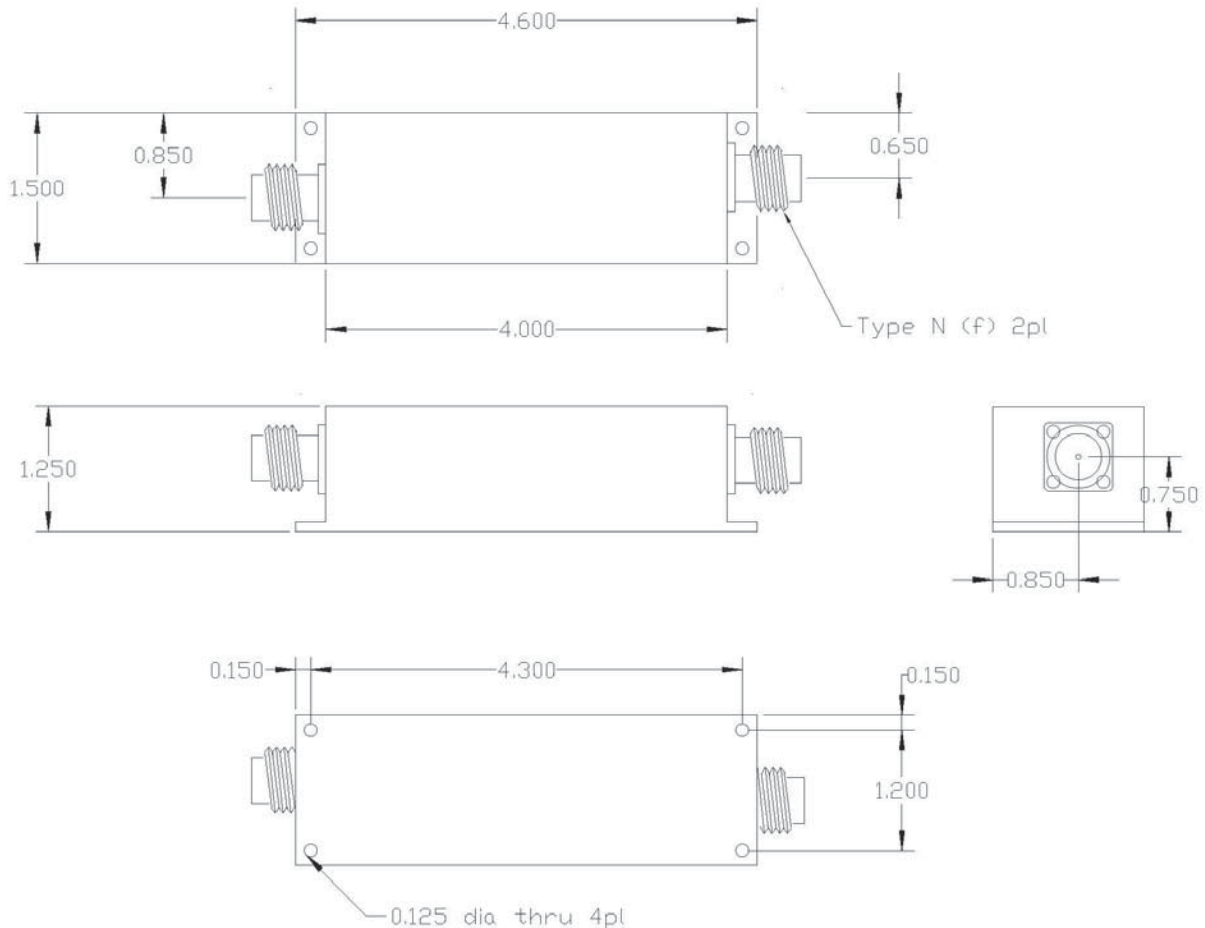
Mechanical

Mounting Method: Threaded Holes
Connector Type: N-Type (F)
Dimensions: 4.60" x 1.50" x 1.25" in.

Environmental

Operating Temperature: -40°C to +85°C
Storage Temperature: -50°C to +95°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

DS-B10090-11012018-Rev0

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



Response Plot:

